Approved For Release 2006/06/27: CIA-RDP78B04770A001100060012-2

SECRET

Contract	

DDR-Dupe

Monthly Report

PAR 249 31 Oct 68 25X1

SUBJECT:	Precision I	Enlarger Prototype (BPE Maintenance) Operational	25X1
TASK/PRO	BLEM			
1.	Provide photograph:	ic enlarger maintenance	at the customer's	
facility	for one Pre	cision Enlarger (BPE) a	nd three 10-20-40X	25X1

DISCUSSION

Enlargers.

- 2. Contractor personnel visited the customer's facility during the week of 28 October 1968. The purpose of the visit was to perform the one-month preventive maintenance check on the BPE, and the twomonth preventive maintenance check on the four 10-20-40X Enlargers. (See check list indicating the work performed.)
- 3. During the BPE maintenance check referred to above, the nonsteering rollers (P/N 1-023-E-405 and -406) were found to be defective. Replacement rollers were sent by the contractor, installed, and subsequent tracking tests indicated that performance was satisfactory.
- 4. During the check on the four 10-20-40X Enlargers, the customer described a fluid bubble problem observed after customer personnel had ground the film plane condenser lenses (P/N AL-1160-250) to remove scratches. The customer has requested a price quotation for four of these lenses, as replacements. It was also noted during this check that the gear (P/N AL-1160-171) on the Y-coordinate counter of Enlarger S/N 123 was not pinned to the counter shaft.

PLANNED ACTIVITY

- 5. During the next trip to the customer's facility currently scheduled for 3 December 1968, accomplish the following:
- a. Pin the Y-coordinate counter gear to the counter shaft of 10-20-40X Enlarger S/N 123.
- b. Perform monthly preventive maintenance on the BPE and the four 10-20-40X Enlargers.

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

SECRET PREVENTIVE MAINTENANCE SCHEDULE CHECK LIST

PRECISION ENLARGER

PAR 249 31 Oct 68^{5X1}

Assigned to: <u>B-213</u> <u>Date 10/31/68</u>					Machine Serial No		
V	ltem	Description	V	lte	m	Description	
		Daily Interval				One-Month Interval	
	1	Check the four indicator lamps on the sub-control panel.	\ \	1		Wax the steel rails of the lens ramp and of the easel.	
Π	2.1	Check closed-negative-gate interlock.	~	2		Install new air filter in lamphouse.	
	2.2	Check interlock that causes vertical transport slow speed.	V	3		Clean the nylon brushes of the fluid removal system.	
	2.3	Check interlock that disables negative transport after fluid injection.	V	4		Check all tubing and hoses for cracks and air leakage.	
	2.4	Check operation of microswitch that functions when manual-film-movement knob is pushed in.	V	5		Check and, if necessary, clean the lenses of the condenser lens assemblies.	
	3.1	Check the indicator lamps for the two attenuator banks of the easel photometer.	L	•		Six-Month Interval	
	3.2	Check the meter scale illuminator lamp of the easel photometer.		т			
	3.3	Check the antifatigue lamp in photo- multiplier tube housing.			1.1	Make a photographic check on all six matching sets of objective and condenser lens assemblies.	

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One-Week Interval

gate.

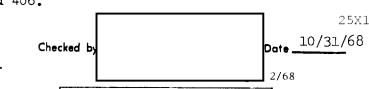
Clean the glass plates of the negative

V	1 Wipe	Vacuum clean the enlarger. down.				
V	2	Check, and if necessary, clean the objective lenses and all glass filters.				
V	5 Wash	Wash Vacuum clean the front surface of the easel.				
	I					

REMARKS:

- 1. Replaced Lamphouse Platen Assembly 1-023-C-330.
- 2. Installed Vertical Drive Limit Switches. Checked out OK.
- 3. Sealed all Lens Barrel Assemblies with R.T.V.
- 4. BPE needs washer 2-023-A-627 (item 114, Dwg. 1-023-E-002, Negative Transport System).
- 5. Delivered 25 bulbs for Decitrak Reader (green base).
- 6. Replaced non-steering rolls, 1-023-E-405 and 406.

ſ	•	Aaju	sted	fluid	pumps.
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Be sure that film is tracking properly

in both directions on the negative

Check the timing belts of the film transport system, of the vertical drive system, and of the easel drive

transport system.

assembly for wear.

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